### **Circle of Smiles Driver Diagram**

## Improve oral health care on SD reservations by June 30, 2015:

- Increase the percent of infants having a preventive dental visit before their first birthday from eight to 25
- Increase the percent of children ages 6-9 who have a dental sealant on a permanent molar from 46 to 75
- Increase the percent of people with diabetes who have an annual dental cleaning from 27.4 to 66

# Improve oral health on SD reservations by June 30, 2015:

 Reduce the number of children under age 9 who need surgery center care for early childhood caries by 30 percent

## Decrease oral health costs on SD reservations by June 30, 2015:

- Reduce the average medical costs for persons with diabetes 4.2%
- Reduce the dental care costs for children with Medicaid Claims 30%
- 3-year cost savings estimate: \$6.2 million.

#### 1. Evidence -based cost saving interventions **Primary Drivers** (e.g. dental sealants) Care Coordination Improved access to dental prevention Improved oral health services Mobile dental care Dentists credentialed to work with IHS Workforce development (e.g. cultural competency training) CHR education interventions (e.g. case **Expanded oral health** management) Communication plan education Dental hygienist education interventions Community outreach efforts Successful Informed tribes and partners Definition of partner responsibilities partnerships with Formal agreements with tribal partners stakeholders Inclusive advisory committee Sustainability plan

**Secondary Drivers** 

Data tracking and reporting system

Continuous monitoring and quality

Transparent data dissemination process

Evaluation plan

improvement

#### **Overarching Aims**

Improve the care and oral health of American Indian <u>mothers and young children</u> on South Dakota reservations

Improve the care and oral health of American Indian <u>people with diabetes</u> on South Dakota reservations

Measured

performance and

shared data